

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("20040164963").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 08:08
S2	730	ideno.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 08:08
S3	11	S2 and "345"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 08:09
S4	2	S3 and terminal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 08:10
S5	62	S2 and terminal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 08:10
S6	35	S2 and vehicle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 08:12
S7	23	S6 and mitsubishi.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 08:16
S8	77	345/167.ccls. and feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 11:11
S9	45	S8 and (magnet or magnetic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 08:17
S10	27	("4538476"   "4550316"   "4739315"   "4868549"   "4896554"   "4952081"   "4982618"   "5008528"   "5162780"   "5171978"   "5185561"   "5223828"   "5237311"   "5260696"   "5270692"   "5432530"   "5470232"   "5583541"   "5696537"   "5784052").PN. OR ("6144370").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 08:24

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S11	11	("20030080970"   "4868549"   "5508717"   "5781172"   "5790108"   "5847695"   "5914705"   "6115029"   "6144370"   "6401209").PN. OR ("6654003").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 09:51
S12	5	("20020084983" "5021771" "5620371" "6501458" "6504528").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 09:51
S13	39	("3376551"   "3407319"   "3416749"   "3625083"   "3987685"   "4110670"   "4546298"   "4562347"   "4656458"   "4868549"   "4906843"   "4952081"   "5027115"   "5078019").PN. OR ("5696537").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 09:59
S14	45	345/167.ccls. and (press\$3 with (sphere or trackball))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 11:41
S15	41	("4334280"   "4868549"   "4885565"   "5186629"   "5189390"   "5204600"   "5223793"   "5296871"   "5299810").PN. OR ("5914705").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 11:19
S16	27	("4538476"   "4550316"   "4739315"   "4868549"   "4896554"   "4952081"   "4982618"   "5008528"   "5162780"   "5171978"   "5185561"   "5223828"   "5237311"   "5260696"   "5270692"   "5432530"   "5470232"   "5583541"   "5696537"   "5784052").PN. OR ("6144370").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 11:29
S17	48	345/167.ccls. and feedback and magnet\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 11:29
S18	14	("5055781"   "5130650"   "5157329"   "5302893"   "5600238"   "5637995").PN. OR ("5831553").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 11:33
S19	3030	support near4 electromagnet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 11:42
S20	537	supports near4 electromagnet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 11:42
S21	0	sphere near5 supports near4 electromagnet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 13:23
S22	0	trackball near5 supports near4 electromagnet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 11:43
S23	0	trackball near5 bearings near4 electromagnet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 11:43

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S24	151	sphere near4 electromagnet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 13:28
S25	8	"5854623"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 13:28
S26	11	("3118138"   "3364481"   "3430170"   "3487403").PN. OR ("3872469").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 13:37
S27	11	("3573812"   "3634857"   "3660814"   "3872469"   "4131886"   "4132986"   "4156872"   "4268821"   "4912442"   "5663712"   "5698906").PN. OR ("6518890").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 13:39
S28	26	("3815963"   "3860300"   "4356772"   "4382245"   "4585282"   "4642501"   "4643034"   "4714352"   "4874346"   "4910633"   "4987833"   "5003235"   "5043615"   "5093754"   "5168183"   "5218257"   "5300842"   "5404062"   "5467244"   "5495221"   "5638340"   "5692329"   "5696412"   "5732636"   "5883454").PN. OR ("6275127").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 14:12
S29	111	345/167.ccls. and optical and support\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 14:13
S30	0	S29 and magent	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 14:13
S31	15	S29 and magnet	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 14:13
S32	12	("20020084986"   "20030160763"   "4939508"   "5214415"   "5248961"   "5486845"   "5583541"   "5850142"   "5973674"   "6072469"   "6225980"   "6304246").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 14:17
S33	59	345/167.ccls. and (material same ball)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 14:46
S34	0	345/167.ccls. and (material same ball) and ((wheel or disc or disk) near4 "same material")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 14:43
S35	5	345/167.ccls. and (material same ball) and (smooth adj rotation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 15:00
S36	11	345/167.ccls. and ("same material")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 15:02

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S37	19	345/167.ccls. and ("same" near2 material\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 15:02
S38	8	S37 not S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 15:03
S39	428	"345"/\$.ccls. and (ball\$2 or sphere\$2) near5 (material or rubber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/25 09:34
S40	122	"345"/\$.ccls. and ((ball\$2 or sphere\$2) near4 (material or rubber)) same (wheel\$1 or support\$1 or roller\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/25 10:09
S41	3	("5371516"   "5583541"   "5696537").PN. OR ("7015895").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 10:01
S42	868	"345"/\$.ccls. and ((wheel\$1 or roller\$1 or support\$1) near4 (material or rubber))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/25 10:09
S43	205	"345"/\$.ccls. and ((wheel\$1 or roller\$1 or support\$1) near4 ( rubber))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/25 10:11
S44	139	"345"/\$.ccls. and ((wheel\$1 or roller\$1 or support\$1) near4 ( rubber)) and (mouse or trackball )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/25 11:18
S45	128	"345"/156-184.ccls. and ((wheel\$1 or roller\$1 or support\$1) near4 ( rubber)) and (mouse or trackball )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/25 11:19
S46	161	"345"/156-184.ccls. and ((wheel\$1 or roller\$1 or support\$1) near4 ( rubber))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/25 11:25
S47	0	"345"/156-184.ccls. and (((wheel\$1 or roller\$1 ) and (ball or sphere)) near4 ( "same" near4 material\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/25 11:27

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S48	0	"345"/156-184.ccls. and (((wheel\$1 or roller\$1 ) same (ball or sphere)) near4 ( "same" near4 material\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/25 11:28
S49	1	"345"/156-184.ccls. and (((wheel\$1 or roller\$1 or supporting) same (ball or sphere)) near4 ( "same" near4 material\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/25 11:31
S50	0	"345"/156-184.ccls. and (((wheel\$1 or roller\$1 or encoder\$1) same (ball or sphere)) near4 ( "same" near4 material\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/25 11:32
S51	14	"345"/156-184.ccls. and (((wheel\$1 or roller\$1 or encoder\$1) same (ball or sphere)) near4 ( material\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/25 11:34
S52	31	"345"/156-184.ccls. and (((wheel\$1 or roller\$1 or encoder\$1) same (ball or sphere)) near4 ( both))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/25 11:38
S53	15	"345"/156-184.ccls. and (((wheel\$1 or roller\$1 or encoder\$1) same (ball or sphere)) near4 ( construct\$2 or made or consist))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/25 12:47
S54	14	"345"/156-184.ccls. and (((wheel\$1 or roller\$1 or encoder\$1) same (ball or sphere)) near4 ( material))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/25 12:47
S55	14	"345"/156-184.ccls. and (((wheel\$1 or roller\$1 or encoder\$1) same (ball or sphere)) near4 ( material\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/25 12:47
S56	36	("4562347"   "4628755"   "4814553"   "4837489"   "4868549"   "4922444"   "4933671"   "4939508"   "4961138"   "5063289"   "5168221"   "5237311"   "5287090"   "5428368").PN. OR ("5583541").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 12:55
S57	3	("5371516"   "5583541"   "5696537").PN. OR ("7015895").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 13:40
S58	1	"20020054011"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 13:40